STORM MULTI-MEDIA TECHNOLOGIES

# Security & Surveillance

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**Storm Technologies**
**6/25/2011**

# Surveillance Cameras & Receivers.

# Swann 8 inch LCD Security Monitor

## Summary

**The Swann 8 inch LCD Monitor is the ideal viewing accessory for anyone looking for a value for money, compact monitor or video screen. The lightweight monitor is portable and can be used for everyday 'non-security' viewing with your DVD player, DVR or VCR to watch movies in the comfort of your home or car. It is also a powerful way of knowing what's happening, seeing and hearing activity at your home or business, securing your loved ones and protecting your property. Once mounted and fully connected, this 8 inch LCD monitor allows you to view 2 areas at your home or business as the monitor has an auto-switching capability.**

## Description

**You will love the added features of this kit with a remote control for easy operation and everything you need to get started. With its sleek black styling and curved mounting stand it won't look out of place in your home, office or on a retail counter.**

## Product Features

**Large 8 inch LCD screen for clear video display**

**Touch button or remote control operation**

**Stylish & sleek dislay stand**

**Screen inversion capability for ceiling mounting**

**Connect to Swann DVRs or Quad Processors**

## Product Extra

## Warranty

**12 Month Warranty.**

## Product Specifications

## Display

**3D Display -**

**3D Glasses Included -**

**Screen Type TFT LCD Colours**

**MonitorViewable screen size - Display Area -**

**Aspect Ratio** **4:3**

**View Angle** **(Horizontal - Max) x (Vertical - Max)**

**Contrast Ratio** **(Static) , (Dynamic)**

**Scan Frequency** **(Horizontal) x (Vertical)**

## Memory

## Memory (Maximum) ( )

## Storage

**Hard Disk** **( x ) Hard Drive**

## Interfaces/Ports

**Audio/Visual Port** **2 x AV input**

**Audio Line In Ports** **2 x audio input**

**Headphone Ports** **1 x 3.5mm Mini-Jack**

## Electrical

**Voltage/Frequency** **/**

**Power Consumption** **(Max) / (Standby) / (Saving)**

**Power Adaptor Output Voltage** **12 VDC**

**Power Supply** **External**

## Environmental

**Environmental** **Operating Temperature - Humidity**

## Physical

## Form Factor LCD Monitor

**In The Box** **8 inch LCD Security Monitor • Stand • AV Cable • Remote Control • Power Adaptor • User Manual • 4 x Theft Deterrent Stickers**

**Case Colour** **Black**

**Wall Mount** **,**

**Dimensions** **25.5 cm (W) x 3.5 cm (D) x 18.5 cm (H) - Weight 0.65 kg**

# Our Price £93.96

# Swann 8.4 inch Compact LCD Security Monitor

## Summary

**The Swann 8.4 inch Compact LCD Security Monitor is the ideal package for total viewing flexibility. The LCD monitor (with 8.4 inch diagonal screen) allows you to connect to a DVD, DVR or VCR to keep an eye on your premises or monitor suspicious behavior, all in the comfort of your home or office. Ideal for people constantly on the move, the LCD monitor includes a remote control and cables, with a built-in speaker and earphone jack for ease of use.**

## Product Features

**Simply plug in any 1 or 2 colour CCTV cameras and switch views with remote control**

**Quad view available when combined with a DVR or quad processor**

**Quality built-in speaker to hear every sound**

**Universal bracket for easy mounting to desk, counter, wall & more**

**Sound System: DK; I; BG; L; M**

**Audio Output: 0.3W (Max)**

**Dot Matrix: 0.129(H) 0.447 (V)**

**Response Speed (ms): R: 30 / F:50**

**Visible Angle: U: 1 5 / D: 35 R / L : 50 2**

## Product Extra

## Product Specifications

## Display

| | |
|---|---|
| **3D Display** | **-** |
| **3D Glasses Included** | **-** |
| **Screen Type** | **Colour TFT LCD Colours** |
| **MonitorViewable screen size - Display Area -** | |
| **Brightness** | **300 cd/m2** |
| **View Angle** | **(Horizontal - Max) x (Vertical - Max)** |
| **Contrast Ratio** | **150:1 (Static) , (Dynamic)** |
| **Scan Frequency** | **(Horizontal) x (Vertical)** |

## Memory

**Memory (Maximum)** **( )**

## Storage

**Hard Disk** **( x ) Hard Drive**

**Interfaces/Ports**

**Audio Line Out Ports** **1 x Audio Out**

## Electrical

**Voltage/Frequency** **/**

**Power Consumption** **(Max) / (Standby) / (Saving)**

**Power Adaptor Output Voltage** **12 VDC**

## Environmental

**Environmental** **Operating Temperature - Humidity**

## Physical

**Form Factor** **LCD Monitor**

**In The Box** **Monitor • Power Adaptor • AV Cable • Remote Control • Stand • Manual**

**Case Colour** **White**

**Wall Mount** **,**

**Dimensions** **22.3 cm (W) x 3.2 cm (D) x 14.5 cm (H) - Weight 0.665 kg**

# Our Price £77.18

# Swann ADW300 Advanced Digital Wireless Colour Camera and Receiver

## Summary

**Advanced Digital Wireless provides a more efficient wireless security solution than analogue wireless, which has a heavier level of interference with other electronic equipment operating at 2.4GHz such as bluetooth, wireless networks and cordless phones. Furthermore, its 'point-to-point' encrypted signal communicates soley with its dedicated receiver thereby guaranteeing complete privacy. And finally, here is a wireless security camera that proves a viable option for use with a Digital Video Recorder - no interference means no meaningless interference-triggered recordings.**

## Product Features

**Clearer Picture, better sound, every time**

**Zero Interference is truly wi-fi friendly**

**Privacy guaranteed from a secure signal**

**Ideal for Digital Video Recording**

**Wireless security has never been easier, just plug and play!**

## Product Extra

## Product Specifications

**Image Device**

**Image Sensor** **Swann colour CMOS**

**CCD Size** **1/4 Inches**

**Screen Type** **640 x 480 Pixels**

**Effective Pixel Resolution** **320 x 240 Pixels**

**Lens**

**Focal Length** **3.6 mm**

**Exposure/Balance**

**White Balance** **Automatic**

**Exposure Control** **Automatic**

## Memory

## Memory Size ( )

## Wireless LAN

**Frequency Band** 2.4 GHz

## System

**Management Capabilities** Use Downloadable Software to turn the ADW-300 into a security recording solution on your PC: Motion Detection - Motion triggers recording with changeable sensitivity • Schedule Recording - Recording occurs at specific times you nominate • Manual Recording - Press Button to activate at any time • Remote View - View Camera(s) over the web • Pan/tilt/zoom - Control cameras with 2 times digital zoom • For further details visit www.swannsecurity.com

## Compliance

**Certifications** CE/FCC/ROHS

## Environmental

**Environmental** Operating Temperature -10 to 40 °C - Humidity

## Electrical

**Voltage/Power/Frequency** 100 to 240 VAC / / 50 to 60 Hz

**Power over Ethernet (PoE)** ,

## Physical

**Form Factor** Wireless Security Camera

**Case Colour** White/Black

**Pack Quantity** 1

**In The Box** Wireless Camera • Receiver • Power Adapters x 2 • User's Manual and Quick Start Guide

**Dimensions** 16.9 cm (W) x 18.3 cm (D) x 6.4 cm (H) - Weight 0.49 kg

# Our Price £153.51

# Swann Audio Spycam - Mini Colour Security Camera with Sound

## Summary

**A great, miniature camera, a fantastic low cost solution for discreet use. For an added benefit the SpyCam with Audio also features a microphone for sound. Side by side the Swann SpyCam is not much bigger than your thumb making it ideal for undercover assignments and undetected surveillance. Connect the camera to a TV VCR or LCD screen with an AV input hide the camera in a discreet position (i.e in a plant beind a picture frame or in-between a few books) and receive quality colour video images. Now you can investigate your suspicions with ease! Change viewing angles - Fisheye Telephoto and Wide Angle.**

## Product Features

**380 TV Lines for clear image resolution** **Easily concealed for discreet surveillance**

**Ideal for covert indoor use in the home or office**

**16ft (5m) RCA AV cable Plugs into any DVR, VCR, TV or Swann security monitor**

**Includes a microphone for video & audio monitoring** **Electronic Shutter 1/160 ~ 1/50 - 1/15000SEC**

## Product Extra

## Product Specifications

## Image Device

**Image Sensor** **Swann colour CMOS**

**CCD Size** **1/3 Inches**

**CCD Pixels** **510H x 492V (NTSC) • 628H x 582V (PAL)**

## Exposure/Balance

**Shutter Speeds** **1/60 to 1/15000 Seconds**

**Minimum Illumination** **0.3 Lux**

**White Balance** **Automatic**

## Memory

**Memory Size** **( )**

**Environmental**

**Environmental** **Operating Temperature - Humidity**

## Electrical

**Voltage/Power/Frequency** / /

**Current** 50 mA

**DC Input Voltage** 8 to 12 VDC

**Power over Ethernet (PoE)** ,

## Physical

**Form Factor** Security Camera

**In The Box** Miniature Colour Video Camera • Power Adaptor • 9V Battery Adaptor • Instruction Manual

**Dimensions** (W) x (D) x (H) – Weight

## Product Reviews

**Swann Security Launches New Audio SpyCam™ - Mini Colour Security Camera - Apr 15, 2010**

**www.computer-takeaway.co.uk**

**A great, miniature camera, a fantastic low cost solution for discreet use**

**Swann Security, the global leader in "Plug & Play" security monitoring solutions, is pleased to announce new Audio SpyCam, covert security device.**

**The Swann Audio SpyCam is the perfect low cost solution for undetected do-it-yourself observation. Smaller than the average thumbnail, this miniature colour video camera is revolutionary in size. The SpyCam is easy to install and use. Featuring a pinhole lens you can monitor through a tiny hole made in a wall, book or picture frame. All you need to do is plug the Spycam into a nearby TV, VCR or LCD Screen with AV input. Now you can investigate you suspicions with ease!**

**Using a CMOS sensor, the SpyCam provides sharp, colour, quality images. The SpyCam is ideal for keeping an eye on staff, confirming suspicions about neighbours, monitoring your nanny, driveway and front door or even used for playing practical jokes on friends for a few laughs!**

## Features:

**380 TV Lines for clear image resolution** **Easily concealed for discreet surveillance**

**Ideal for covert indoor use in the home or office** **16ft (5m) RCA AV cable**

**Plugs into any DVR, VCR, TV or Swann security monitor**

**Ideal for monitoring transactions, confirming suspicions & playing practical jokes!**

# Our Price £35.75

# Swann DIY Anti-Theft Kit - Security Deterrent Pack

## Summary

**Dummy Cameras imitate the appearance of real cameras and many people use them to deter theft and protect their property Although the untrained eye does not discern the difference between a dummy and an actual working camera, debate on their effectiveness has often been argued.**

## Description

**Many customers opt for a dummy camera security system because they are affordable, easy to install, are very low maintenance and effective at deterring theft to unwanted behavior. Swann dummy cameras are based on real Swann security cameras, even the IR night vision LEDs are replicated in Swann's dummy cameras The results will speak for themselves!**

## Product Features

**Mix dummy & real cameras to increase your security value** **Deter thieves & shoplifters**

**Maintenance free - no batteries** **Quick & Easy to Install**

**Staff & Professional thieves will never know it's a dummy**

## Warranty

**12 Month Warranty.**

## Product Specifications

**Memory** **Memory Size** **( )**

**Environmental**

**Environmental** **Operating Temperature - Humidity**

## Electrical

**Voltage/Power/Frequency** **/ /** **Power over Ethernet (PoE)** **,**

## Physical

**Form Factor** **Security Camera**

**In The Box** **Dummy Maxi-Brite Cam x 4 • Dummy Stick-On 8 Domes x 4 • Window Sticker 7 x 1 • Theft Deterrent Stickers x 4** **Dimensions** **(W) x (D) x (H) – Weight**

## Our Price £42.83

# Swann DIY Security Camera - Colour Video Camera with Bonus Tripod and Telephoto Lens

## Summary

**The Swann Do-It-Yourself (DIY) Security Cam is the simple, low cost solution to DIY home and business surveillance. With clear colour images and sound - you can keep an eye on your home or office by simply connecting the Swann DIY Security Cam to your TV, DVR, VCR or Swann security monitor for convenient monitoring or recording. Feature a built-in microphone and durable case, the Swann DIY Security Cam is also lightweight and tiny in size, making it ideal for all security purpose!**

## Product Features

**380 TV Lines for clear image resolution**

**Light weight & tiny in size for discreet daytime surveillance**

**Includes adjustable tripod for indoor surfaces**

**16ft (5m) RCA AV cable**

**Plugs into any DVR, VCR, TV or Swann Security monitor**

**Fixed with a standard lens & includes BONUS Telephoto lens for finer focus**

**Includes microphone for audio monitoring**

**Image Sensor: 1/3 inch CMOS**

**Number of Effective Pixels: NTSC: 510 x 492, PAL 628 x 582**

## Product Extra

## Warranty

**12 Month Warranty**

## Product Specifications

**Image Device**

**CCD Size 1/3 Inches**

**Lens**

**Focal Length 6.0 mm**

**Exposure/Balance**

**Shutter Speeds PAL: 1/50 to 1/100000, NTSC: 1/60 to 1/100000 Seconds**

**Minimum Illumination** 3 Lux

## Memory

**Memory Size** ( )

## Environmental

**Environmental** Operating Temperature 20 to 50 °C - Humidity

## Electrical

**Voltage/Power/Frequency** / /

**DC Input Voltage** 8 to 12 VDC

**Power over Ethernet (PoE)** ,

## Physical

**Form Factor** Security Camera Kit

**In The Box** Security Camera with standard lens and Cable • Telephoto Lens • Tripod Stand • Power Adapter • 9V Battery Snap • Quick Start Guide

**Dimensions** 3.8 cm (W) x 3.1 cm (D) x 3.1 cm (H) - Weight 0.02 kg

# Our Price £39.37

# Swann DVR4-2000 4 Channel Digital Video Recorder with 4 x PNP-150 Cameras and 500GB Hard Drive

## Summary

**When it comes to protecting your home, your business or your family, there's simply no substitute for peace of mind. Whether you're concerned about crime, vandalism, common household safety or simply want to have an extra set of eyes watching at all times. You can also download a free iPhone 'app (called 'A-Player')' to view 4 cameras on your 3G-enabled iPhone or smart phone. Once you get it up and running you will be able to see what each camera sees using the 'A-Player' app. It's easy, advanced and convenient. Now there's a convenient and affordable way to keep an eye on the people and places you care about the most. This Security Recording Kit with Internet Viewing gives you everything you need to monitor, record and capture video footage for your home or business. With 4-channel capability, the DVR4-2000 arms you with the power to view and record footage from 4 security cameras at once, so you'll never miss any suspicious activity. As an added bonus, the Kit also includes four PNP-150 video cameras that can capture footage day and night from up to 30ft / 9m away. With set & forget recording, you can record continuously for up to 30 days without having to check settings or worry about hard drive space. And the state-of-the-art H.264 recording technology gives you a higher image quality for a fraction of the file size. Peace of mind has never been more convenient with the 4 Channel DVR4-2000 & 4 PNP-150 Cameras - Security Recorder Kit with Internet & 3G iphone Viewing.**

## Description

**4 Channel Digital Video Recorder with pre-installed 500GB HDD / H.264 latest recording technology / Remote viewing via the internet & iPhone / Transfer incidents to flash drive / Includes 4 x CMOS Cameras with 400 TV Lines / 30ft 9m good night vision.**

## Product Features

**View on your TV with easy set-up: No need for a professional installer with easy set-up & viewing on your existing TV's AV channel**

**Have peace of mind even when you're away: Equipped with remote viewing software to view over the web or download free app to view on your mobile phone (Compatible with 3G enabled iPhones and Smart Phones using Microsoft Windows Mobile 6 and later. Mobile phones sold separately)**

**Set & forget by recording continuously from 4 cameras for over 30 days (Based on the lowest recording settings): H.264 compression means less storage needed & higher image quality. add two cameras of your choice as required**

**Home or business security at an affordable price, with no ongoing fees: View & record up to 4 channels simultaneously to really know what's happening**

**Protect the people you care about & reduce the cost of crime: A state of the art solution for any home or business wanting complete protection**

## Product Specifications

**CPU**

**Processor** **( ) (L1 Cache) (L2 Cache) (L3 Cache)** **Memory** **Memory (Maximum)** **( )**

## Storage

**Hard Disk Size** **500 GB , Max. Disk Size** **Hard Disk Interface** **Hard Drive**

## Video

**Recording Modes** **Manual/Motion/Schedule/Sensor**

**Video System** **NTSC • PAL** **Video Compression Format** **H.264**

**Video Input** **4 CH Composite** **Video Output** **2 CH Composite**

**Video Resolutions** **PAL: 704 x 576 • NTSC 704 x 480** **Frame Rates** **NTSC: 120fps • PAL: 100 fps**

## Camera

**Image Sensor** **1/3 inch CMOS** **Lens** **6mm** **White Balance** **Automatic**

**Minimum Illumination** **0 Lux (IR on)**

## Display

**Screen Size** **Dot Pitch** **Colours** **Interfaces/Ports**

**RJ-45 Ports** **1 x RJ-45** **Audio Line In Ports** **1 x RCA** **Audio Line Out Ports** **1 x RCA**

## System

**Software Included** **Software CD**

## Electrical

**Voltage/Power/Frequency** **/ /**

## Environmental

**Environmental** **Operating Temperature 10 to 50 °C - Humidity**

## Physical

**Form Factor** **Digital Video Recorder**

**Case Colour** **Black**

**In The Box** **DVR4-2000 • Hard Drive 500GB (installed) • Remote Control • 4 x PNP-150 Camera • 4 x BNC Cable 50ft/15m • BNC to RCA Video Cable • Software CD • Power Adaptors • Mouse • Mounting Screws & Plugs • Operating Instruction • 4 x Theft Deterrent Sticker**

**Dimensions** **31.5 cm (W) x 6 cm (D) x 25.5 cm (H) - Weight 2 kg**

## Our Price £410.34

# Swann DVR-4 Business Surveillance Kit - 4 Channel DVR and 2 Day/Night OutdoorsCams with 160GB Hard Drive

## Summary

**The DVR4-Business Surveillance Kit is an affordable do-it-yourself (DIY) safety and security solution. You won't believe the versatility of this pack. Cover every angle, indoors, outdoors, day and night with a twin pack of Swann OutdoorCams - one of the world's best selling security cameras!**

## Description

**Once mounted, connect the cameras to the any television or security monitor and record what the cameras see. With motion detection, a built-in 160GB hard drive, password protection and touch button navigation it has all the features you need to safeguard your business or home 24/7. Everything you need in one box!**

## Product Features

**Fight back against theft, lost productivity & false insurance claims**

**Deter shoplifters & vandals before they strike** **Set & forget with high capacity 160GB hard drive**

**Motion detection only records when there is activity & never runs out**

**USB connection for easy back up of recorded files to your PC**

**DVR4-Business:**

**Video Format: NTSC / PAL**

**Camera Input Channel: 4 channel Composite BNC** **Video Output Channel: 1 channel Composite BNC**

**Display Frame Rate: NTSC: 120 fps, PAL: 100 fps**

**Recording Frame Rate: NTSC: Max 30 fps (Quad), PAL: Max 25 fps (Quad)**

**Recording Frame Rate (Each Mode): NTSC: Each Channel = 30 fps ÷ Number of Source**

**PAL: Each Channel = 30 fps ÷ Number of Source**

**Record Mode: Continuous , Time Schedule, Motion Triggered**

**Resolution: Display: NTSC: 720 x 480, PAL: 720 x 576**

**Record: NTSC: 320 x 112, 640 x 224, PAL: 320 x 136, 640 x 272**

## OutdoorCam:

**Camera Sensor: 1/3 inch / 8.5mm CMOS**

**TV System: PAL (AU, UK) or NTSC (USA) - Country Dependant**

**Effective Element: PAL: 628 (H) x 582 (V), NTSC: 510 (H) x 492 (V)**

**Operation System: Custom Embedded OS**

## Warranty

**12 Month Warranty.**

## Product Specifications

**Image Device**

**Still Image Format** **JPEG**

## Exposure/Balance

**Minimum Illumination** **3 Lux (Colour), 0 Lux (B/W)**

## Video

**Video Resolution** **NTSC: 320 x 112, 640 x 224 • PAL: 320 x 136, 640 x 272**

**Frame Rates** **30/25 Per Second**

## Memory

**Memory Size** **( )**

## Interfaces/Ports

**Video Out** **BNC**

## Environmental

**Environmental** **Operating Temperature 20 to 60 °C - Humidity**

## Electrical

**Voltage/Power/Frequency** **/ 1.5 W /**

**DC Input Voltage** **8 to 12 VDC**

**Power over Ethernet (PoE)** **,**

## Physical

**Form Factor** **Security Camera**

**In The Box** **DVR4-Business with Accessories • 160GB HDD fitted • Remote Control (batteries included) • OutdoorCams x 2 • 60ft (18m) BNC Cables x 2 • BNC to RCA Adapters x 2 • BNC to RCA Cable • Security Stickers x 4 • Manual and Swann Security DVD**

**Dimensions** **13.2 cm (W) x 25.7 cm (D) x 8.0 cm (H) – Weight**

# Our Price £178.10

# Swann DVR4-950 4 Channel Security Monitoring Recorder (without Hard Drive)

## Summary

**Swann DVR4-950 4 Channel Security Monitoring Recorder (without Hard Drive).**

## Product Features

**Add up to 4 cameras for peace of mind at an affordable price, with no ongoing costs**

**Easily backup & retain video evidence if there's an incident**

**Set & forget by recording continuously from 4 cameras for over 6 months on a 1TB hard drive +**

**Catch suspicious activity, save time & hard drive space with motion detection**

**Protect the people you care about & reduce the cost of crime**

## Product Extra

## Product Specifications

## CPU

**Processor ( ) (L1 Cache) (L2 Cache) (L3 Cache)**

## Memory

**Memory (Maximum) ( )**

## Storage

**Hard Disk Size , Max. Disk Size**

**Hard Disk Interface Hard Drive**

## Video

**Recording Modes Manual/Motion/Schedule**

**Video System NTSC • PAL**

**Video Compression Format Advanced MJPEG**

**Video Input 4CH Composite**

**Video Output 1CH Composite**

**Video Resolutions PAL: 640 x 544 • NTSC 640 x 448**

**Frame Rates NTSC: 120fps • PAL: 100 fps**

## Display

**Screen Size** **Dot Pitch Colours**

## Input

**User Controls** **Remote Control**

**Interfaces/Ports**

**Audio Line In Ports** **1 x RCA**

**Audio Line Out Ports** **1 x RCA**

## Electrical

**Voltage/Power/Frequency** **/ /**

## Environmental

**Environmental** **Operating Temperature - Humidity**

## Physical

**Form Factor** **Digital Video Recorder**

**Case Colour** **Black**

**In The Box** **DVR4-950 • RCA to RCA Video Cable 6ft / 2m • Power Adapter • Remote Control x 2 • BNC to RCA Adapters x 4 • Software CD • Operating Instructions • Theft Deterrent Stickers x 4**

**Dimensions** **20.8 cm (W) x 5.3 cm (D) x 22.5 cm (H) - Weight 1.3 kg**

## YouTube Channel

**<iframe title="YouTube video player" width="1280" height="750" src="http://www.youtube.com/embed/fV1UG_E4kvg" frameborder="0" allowfullscreen></iframe>**

# Our Price £147.70

# Swann DVR-410 RemoteCam Video Camera and Recorder

## Summary

**Perfect for videos on the move for lawyers, sales people, law enforcement, mystery shopping, covert surveillance and internet fun!**

## Product Features

**Make videos at the push of a button**

**A mini video camera & DVR housed in a real-looking car remote control with keychain**

**Keep a record of important moments Create time & date stamped 720 x 480 colour AVI video fi les**

**Easy to backup & save on your PC**

**Includes 2GB MicroSD card for up to 40 minutes recording time (supports up to 8GB), then upload to PC via USB cable**

**Share with friends or the world!**

**Shoot & upload videos to social networking sites such as YouTube, Facebook, MySpace and more**

**Simple to recharge & use**

**Built-in battery lasts 60 minutes & recharges via your PC's USB port**

**Built for an active life**

**With a handy key ring you can keep it with you all day. It's perfect for videos on the move for lawyers, sales people, law enforcement, mystery shopping, covert surveillance or internet fun!**

**Video:**

**Video Bit Rate: 6500 kbps**

**Photo Resolution: 1280 x 1024**

**Image File Size: Approx. 350KB**

**Battery Type: Rechargeable Lithium-ion**

## Product Extra

## Product Specifications

## Video

**Frame Rates** **30 Per Second**

## Memory

**Memory Size** **( )**

## Environmental

| | |
|---|---|
| **Environmental** | **Operating Temperature - Humidity** |

## Electrical

| | |
|---|---|
| **Voltage/Power/Frequency** | **/ /** |
| **Power over Ethernet (PoE)** | **,** |

## Physical

| | |
|---|---|
| **Form Factor** | **Video Surveillance Camera** |
| **Case Colour** | **Black** |
| **In The Box** | **RemoteCam DVR-410 • MicroSD Card 2GB • USB Charging Cable • Operating Instructions** |
| **Dimensions** | **5.0 cm (W) x 3.0 cm (D) x 1.3 cm (H) - Weight 0.02 kg** |

## Product Reviews

**Swann Debuts RemoteCam – Pocket-Sized Hidden Surveillance - Jul 13, 2010**

**http://news.dphotographer.co.uk/news/accessory/swann-debuts-remotecam-%e2%80%93-pocket-sized-hidden-surveillance/**

**Swann's RemoteCam is lightweight and discreet, perfect for anyone wanting to record videos or photos with minimum fuss. The handy keychain means you can attach your keys to it and keep it with you all day.**

**Swann Remote Cam brings the James Bond out of users - Jul 13, 2010**

**http://www.digital-camera.com/1065/swann-remote-cam-brings-the-james-bond-out-of-users.html#more-1065**

**Using the spy digital camera is also as easy as pie, with users merely having to push a button to either record video or capture images.**

# Our Price £46.96

# Swann DVR-415 ThumbCam Mini Digital Video Camera

## Summary

**Swann DVR-415 ThumbCam Mini Digital Video Camera.**

## Description

**Shoot videos of bike rides, run, sports, skate boarding, kids at party, car trip, events & more!**

## Product Features

**Make videos at the push of a button**

**A mini video camera & DVR housed in a durable shock resistant casing**

**Keep a record of important moments Create time & date stamped 720 x 480 colour AVI video fi les**

**Easy to backup & save on your PC**

**Includes 2GB MicroSD card for up to 40 minutes recording time (supports up to 8GB), then upload to PC via USB cable**

**Share with friends or the world!**

**Email friends or upload videos to social networking sites such as YouTube, Facebook, MySpace and more**

**Simple to recharge & use**

**Built-in battery lasts 60 minutes & recharges via your PC's USB port**

**Built for an active life**

**With protective silicon cover and mounting brackets (belt, magnetic, and wall), it's perfect for life on the move. Shoot videos of bike rides, runs, sports, hang gliding, skiing, skating, skate boarding, roller blading, kids at play, car trips, holidays, events & more**

## Product Extra

## Product Specifications

**Image Device**

**CCD x /**

**LCD/Viewfinder**

**LCD Monitor Size , ,**

**Viewfinder , ,**

## Media Storage

**Secure Digital Supported: MicroSD**

## Video

**Supported Video File Formats** **AVI**

**Video Resolution** **720 x 480**

## Frame Rates 30 Per Second

## Flash

**Flash Range** **(Wide Angle) (Telephoto) (Macro)**

## Interfaces/Ports

**USB Ports** **1 x USB**

**External Microphone** **1 x Microphone**

## System

**Software Included** **Software CD**

## Environmental

**Environmental** **Operating Temperature - Humidity**

## Electrical

**Battery Type** **Lithium-Ion Rechargeable**

**Battery Average Run Time** **/ Stills - / Video - / Playback -**

## Physical

**Form Factor** **Internal Memory/Memory Card Camcorder**

**In The Box** **ThumbCam DVR-415 • MicroSD Card 2GB • Silicon Cover • USB Charging Cable • Wall, Magnetic, Belt Brackets • Software CD • Operating Instructions**

**Dimensions** **5.5 cm (W) x 2 cm (D) x 2 cm (H) - Weight 0.02 kg**

## Product Reviews

**Swann Thumb Cam - Jul 7, 2010**

**http://www.gaj-it.com/20382/review-swann-thumbcam-your-pocket-sized-companion/**

**A mini video camera & DVR housed in a durable shock resistant casing, the thumb cam comes with a combination of portability and great accessories (including clips and a lanyard) which provides great versatility. The instructions mention its use as a covert surveillance device, a simple portable camera for holidays, events etc and a webcam. We gave it a quick road test and it seems it would suit all of these uses easily. As long as you're not trying to film the next avatar you shouldn't be disappointed.**

## Swann Thumbcam DVR-415 Mini Digital Video Camera - Jul 15, 2010

## Burton Mail

**The resolution of the camera is suprisingly good at 720x480 AVI quality. Saved to a MicroSD they are easily downloaded to the computer either via the USB cable and software provided or the much simpler method of using a MicroSD adapter to read the files directly from the card. A very good product for what it is designed for. Great if you need to record short bursts or suveillance style video.**

**Thumbcam - Sep 10, 2010**

**http://www.itreviews.co.uk/hardware/h2369.htm**

**Swann has built a steady reputation for providing surveillance and security equipment that ranges from high quality CCTV cameras with infra-red night vision through to relatively inexpensive DIY equipment that you can link to your PC or laptop through simple plug and play.**

**The ThumbCam, as the name suggests, is one of the company's smallest creations; a pinhole video camera that can record colour AVI video files of 720 x 480 resolution at 30fps. It genuinely is thumb-sized, measuring a minuscule 55 x 20 x 20mm and, as you'd expect from a unit that is designed to be virtually invisible, it only weighs 20g.**

**Styled in glossy jet black plastic, the camera has on the left side a mode button and a slot for a MicroSD memory card, with a power button and record button on the right, microphone and LED indicators on the top. The box also contains a USB charging cable (which plugs into the base and connects to your computer), a silicon cover and a selection of wall, magnetic and belt brackets.**

## Our Price £52.35

# Swann Home and Business Monitoring Kit - 7 inch Colour LCD Monitor and PNP-51 Security Camera

## Summary

**The Home and Business Monitoring Kit is a generation of the SecuraView, one of Swannn's best selling products. It allows you to view and hear security video on a crystal clear 7 inch colour LCD monitor. The monitor connects to the colour camera via a 60 foot / 18 meter cable. You can operate using the remote control in the pack. Both the monitor and camera must be connected to mains power. The pack also includes 4 theft deterrent stickers and everything you need to get started. The Home and Business Monitoring Kit is perfect for anyone wanting an affordable starting point for their security needs. It's ideal for small businesses, retail stores, restaurants or home use. The unit has a discreet, small footprint with a modern and stylish finish. It's a cost effective way to see AND hear what's really happening.**

## Description

**You will love the colour video. Unlike black and white systems, you will be able to identify what colour clothing people are wearing, what colour hair they have, and get a truer picture of what is going on. It's easy to do-it-yourself. Mount the camera to a wall or ceiling is simple with screws included in the pack. The LCD monitor can be mounted upside down or side-ways and the video will realign itself to be the right way up using the 'image flip option'. For discretion and to save power you can also use the 'auto turn-off' function when the unit is not needed. The Home and Business Monitoring Kit includes a PNP-51 camera with short range night vision and a built-in microphone to allow you to hear conversations and other sounds. The Kit is also upgradeable in that you can add a second camera and then switch camera views. It's another example of Advanced Security Made Easy from Swann.**

## Product Features

**Currently No Information Available**

## Product Extra

## Product Specifications

**Image Device**

**Image Sensor** **CMOS**

**CCD Size** **1/3 Inches**

**Lens**

**Focal Length** **4 mm**

**Exposure/Balance**

**Minimum Illumination** **0 Lux**

**Gain Control** **Automatic**

## Monitor

**Monitor Included** Yes

**Display Colours** Colour

**Display Size** 7.0 inch

**Display Type** TFT LCD

## Memory

**Memory Size** ( )

**Interfaces/Ports**

**External Microphone** Yes

## Environmental

**Environmental** Operating Temperature 0°C ~ 45 °C - Humidity

## Electrical

**Voltage/Power/Frequency** / /

**DC Input Voltage** 12 VDC

**Power over Ethernet (PoE)** ,

## Physical

**Form Factor** Security Camera

**In The Box** PNP-51 Camera • 7 inch LCD Monitor & Accessories • RCA to RCA Cable 3ft / 1m • BNC Cables 60ft / 18m • Power Adapters • Remote Control • Mounting Screws & Plugs • Operating Instructions • 4 x Theft Deterrent Stickers

**Dimensions** (W) x (D) x (H) – Weight

# Our Price £95.25

# Swann Home Wireless Alarm System with PIR Sensor

## Summary

## Swann Home Wireless Alarm System with PIR Sensor.

## Description

**By positioning the Anti-Intrusion Siren & 8 Window Stickers in visible locations you send a strong message to potential burglars & greatly decrease your chances of being broken into. If you are broken into you have protection from a window / doorway sensor & 2 PIR area motion sensors to trigger an audible anti-intrusion siren, loud enough to register 110 decibels. Simply connect the Anti-Intrusion Siren to the Keypad Control Panel via the included cable, and power the Control Panel using the adapter in the pack. The sensors are totally wireless and run on 3 x AAA batteries (not included). The PIR sensor & door alarm can be armed after a 30 second delay & will not be triggered unless there is an object of signifi cant size detected. Have the satisfaction of protecting your property, safeguarding your loved ones & deterring thieves with no ongoing monitoring fees. Perfect for homes, apartments & small businesses.**

## Product Features

**Deterrence is the best defense: By positioning the Anti-Intrusion Siren & 8 Window Stickers in visible locations you send a strong message to potential burglars & greatly decrease your chances of being broken into**

**Bad news for intruders: If you are broken into you have protection from a window / doorway sensor & 2 PIR area motion sensors to trigger an audible anti-intrusion siren, loud enough to register 110 decibels**

**Easy to install & operate: Simply connect the Anti-Intrusion Siren to the Keypad Control Panel via the included cable, and power the Control Panel using the adapter in the pack. The sensors are totally wireless and run on 3 x AAA batteries (not included)**

**No false alarms, no hassles: The PIR sensor & door alarm can be armed after a 30 second delay & will not be triggered unless there is an object of signifi cant size detected**

**Complete peace of mind at an affordable price: Have the satisfaction of protecting your property, safeguarding your loved ones & deterring thieves with no ongoing monitoring fees. Perfect for homes, apartments & small businesses**

## Product Extra

## Product Specifications

**Door Sensor** **Door Sensor Wireless Frequency** **433 ± 0.2 MHz**

**Door Sensor Voltage** **8.4 - 12 V DC** **Door Sensor Battery** **Yes , A23DC 12V**

**Door Sensor Transmission Distance** **Line of sight (Up to) 262ft - Typical 65 ft , Line of sight (Up to) 80m - Typical 20 m**

## Motion Sensor

**Motion Sensor Type** PIR (Passive Infra-Red)

**Motion Sensor Wireless Frequency** 433 ± 0.2 MHz

**Motion Sensor Voltage** 7.2 - 9 V DC

**Motion Sensor Battery** Yes , 6F22 9V

**Motion Sensor Transmission Distance** Line of sight (Up to) 262ft - Typical 65 ft , Line of sight (Up to) 80m - Typical 20 m

**Motion Sensor Warm-up time** 150 s **Motion Sensor Transmission Interval** 35 s

**Motion Sensor Detectable Speed** 0.3 - 3 m/sec

**Motion Sensor Detectable Distance** 16 - 50 ft , 5 - 15 m **Motion Sensor Detectable Angle** 110 °

## Remote Control

**Remote Control Wireless Frequency** 433 ± 0.2 MHz **Remote Control Voltage** 8.4 - 12 V DC

**Remote Control Battery** Yes , A27DC 12V

**Remote Control Transmission Distance** Line of sight (Up to) 262ft - Typical 65 ft , Line of sight (Up to) 80m - Typical 20 m

## Standby Amps 0 A

**Alarm Amps** 15 mA

## Electrical

**Voltage/Power/Frequency** / /

## Environmental

**Environmental** Operating Temperature - Humidity

**Relative Humidity** 90 %

## Physical

## Form Factor Alarm

**In The Box** Touchpad Alarm Control Unit • 2 x Alarm PIR Motion Sensors • 2 x Keypad Remote Control Units • Window / Door Protection Sensor • Audible Anti-Intrusion Alarm • 8 x Theft Deterrent Stickers • Operating Instruction

**Dimensions** (W) x (D) x (H) – Weight

# Our Price £52.70

# Swann MaxiBrite - Real and Imitation Indoors/Outdoors Security Camera

## Summary

**A perfect surveillance solution for small business, retail stores and homes where a visual security solution is needed. This kit contains two Maxi-Brite Cams, one real, one imitation. Deter thieves with twice the presence at nearly half the price! The real camera features 380 TV Lines for high image resolution. The same camera can see in the dark up to 30ft (9m). Both cameras are fitted with sturdy anit-corrosive & weather resistant cases for use outdoors. Ideal for monitoring entrances, car parks, store rooms, shops and around the home and work place. Can you pick the dummy?**

## Product Features

**380 TV Lines for excellent image resolution**

**Up to 30ft (9m) infra-red night vision**

**Sturdy anti-corrosive ABS case for use outdoors**

**32ft (10m) BNC cable for easy connection to TV, VCR, quad processor or DVR**

**Plugs into any DVR, VCR, TV or Swann Security monitor**

**Ideal for monitoring entrances, car parks and storerooms around the home and work place**

**Comes with one imitation camera**

**Product Extra**

## Product Specifications

**Image Device**

**Image Sensor** **CMOS**

**CCD Size** **1/3 Inches**

**CCD Pixels** **510H x 492V (NTSC) • 628H x 582V (PAL)**

**Lens**

**Focal Length** **6.0 mm**

**Exposure/Balance**

**Minimum Illumination** **0 Lux**

**Gain Control** **Automatic**

**White Balance** **Automatic**

## Memory

**Memory Size** **( )**

**Interfaces/Ports**

**Video Out** **1 x Video Out**

## Environmental

**Environmental** **Operating Temperature 10 to 50 °C - Humidity**

## Electrical

**Voltage/Power/Frequency** **/ /**

**DC Input Voltage** **12 VDC**

**Power over Ethernet (PoE)** **,**

## Physical

**Form Factor** **Security Camera**

**In The Box** **2 x Maxi-Brite Camera • 2 x Camera Stand • 32ft (10m) BNC Cable • 2 x BNC to RCA Adaptors • Power Adaptors • Mounting Screws & Plugs • Quick Start Guide • 4 x Theft Deterrent Security Stickers**

**Dimensions** **(W) x (D) x (H) – Weight**

## Our Price £29.10

# Swann MobileViewer 2.5 inch LCD Colour Screen and 4 Channel Receiver

## Summary

**Super mobile and portable palm size receiver. 2.5 inch colour LCD screen for clear image display. Built in speaker for audio monitoring. Wireless 2.4GHz reception up to 160ft (50m). Includes 2 rechargeable batteries with 5 - 7 hours air time.**

## Description

**The Swann Mobile Viewer combines portability with the convenience of wireless surveillance. The Viewer is your own handheld, portable colour monitor and is compatible with many 2.4GHz wireless cameras. The receiver displays high resolution colour LCD images and transmits audio from cameras within a range of 30 - 50m (100 - 150ft). The Swann Mobile Viewer takes wireless monitoring and convenience to a new level.**

## Product Features

**Super mobile & portable palm size receiver** **2.5 inch colour LCD screen for clear image display**

**Built in speaker for audio monitoring**

**Wireless 2.4GHz reception up to 150ft (50m) - depending on local conditions from camera (Camera not included)**

**Includes 2 rechargeable batteries with 5 - 7 hours air time** **Switchable between 4 channels**

**Keep an eye on baby, children, the front door, pool & more from almost anywhere!**

**Use with any Swann sireless camera** **Interface: Alternated video signal**

**Receiver:**

**Modulation/Demodulation Type: FM** **Receiving Frequency: ISM 2400~2483MHz**

**Intermediate Frequency: 480MHz** **Frequency Stabilization: ± 100KHz**

**Local Leakage At Input Terminal: <-55dBm** **Power Supply: DC +5V 2A**

**Power Consumption Current: 700mA**

**Operating Temperature: 32°F ~113°F (0°C ~ +45°C)**

**Operating Temperature: 14°F ~ 122°F (-10°C ~ 50°C)**

**Operating Humidity: 85%RH**

**Dimensions: 130mm x 80mm x 38mm**

**Weight: 8 3/4oz (250g)**

## Warranty

**12 Month Warranty.**

## Product Specifications

## Display

**3D Display** -

**3D Glasses Included** -

**Screen Type** TFT LCD Colours

**Monitor2.5 in Viewable screen size - Display Area - 49.2 x 38.14 cm**

**View Angle** (Horizontal - Max) x (Vertical - Max)

**Contrast Ratio** 150:1 (Static) , (Dynamic)

**Scan Frequency** (Horizontal) x (Vertical)

**Pixel Pitch** 0.10 x 0.163 mm

## Memory

**Memory (Maximum)** ( )

## Storage

**Hard Disk** ( x ) Hard Drive

## Electrical

**Voltage/Frequency** /

**Power Consumption** (Max) / (Standby) / (Saving)

## Environmental

**Environmental** Operating Temperature - Humidity

## Physical

**Form Factor** LCD Monitor

**In The Box** MobileViewer • Earphone • Cable with RCA Connectors • Charger Stand • In-Car Charger for Stand • Power Adapters • Quick Start Guide • Theft Deterrent Stickers x 4

**Wall Mount** ,

**Dimensions** (W) x (D) x (H) – Weight

## Our Price £43.62

# Swann Night Hawk - Wireless Outdoor Camera with Night Vision

## Summary

**Swann Night Hawk - Wireless Outdoor Camera with Night Vision.**

## Product Features

**Quality colour surveillance suitable for home, office or retail security**

**DIY - no cable installation required (NB: Mains power supply required)**

**11 Infra-red LEDs for night vision**

**Included receiver is easily connected to a DVR, VCR, TV or PC (With Capture Card)**

**Horizontal Resolution 380 TV Lines**

**Receiver Specifications:**

**Receiving Frequency: 2.4GHz**

**Receiving Sensitivity: -85dBm**

**Power supply: +12VDC**

**Power Consumption Current: 250mA**

**Operation Temperature: -108 C+508 C**

**Weight 240g (8 1/2oz)**

## Product Specifications

## Image Device

**Image Sensor CMOS**

**CCD Size 1/3 Inches**

**CCD Pixels 510H x 492V (NTSC) • 628H x 582V (PAL)**

**Exposure/Balance**

**Minimum Illumination 0 Lux**

## Memory

**Memory Size ( )**

**Environmental**

**Environmental Operating Temperature 0° ~ 45 °C - Humidity 85 %**

## Electrical

**Voltage/Power/Frequency** **/ 10 W /**

**DC Input Voltage** **8 VDC**

**Power over Ethernet (PoE)** **,**

## Physical

**Form Factor**

**Wireless Security Camera**

**In The Box**

**2.4GHz Wireless Outdoor Camera • 2.4GHz Receiver • 1 x AV Cable • 2 x Power Adaptors • Quickstart Manual • 1 x 'C' 9V DC battery • Mounting Screws**

**Dimensions** **5.3 cm (W) x 4.35 cm (D) x 6.4 cm (H) - Weight 0.197 kg**

# Our Price £97.17

# Swann Outdoor Twin Wireless Outdoor Colour Camera Kit

## Summary

**A 'best-selling' 2 camera solution, blending affordability with function and simplicity of installation! Create your own security solution - by placing the cameras anywhere within reception range: :: Under the eaves around the house :: Front door and backyard :: Nursery :: Monitor the pool, garden, entrances and driveway.**

## Product Features

**Simple, DIY installation - Indoor & Outdoor**

**Robust weatherproof design**

**LED's automatically switch on providing invisible light at night**

**Sharp & clear colour video images**

**Included Auto-Switching receiver - which can be easily connected to TV or VCR**

**Unique design - channel switches & microphone held externally in power cable**

**No cables required (only Mains power)**

**Includes: Remote control**

## Product Specifications

**Image Device**

**CCD Size** **1/3 Inches** **CCD Pixels** **510H x 492V (NTSC) • 628H x 582V (PAL)**

**Sound**

**Built in Microphone** **Yes**

**Memory**

**Memory Size** **( )** **Wireless LAN**

**Wireless Type** **Radio Frequency**

**Range (Outdoor - Maximum)** **40 to 50 m**

**Number of channels** **4**

**Frequency Band** **2.414 to 2.468 GHz**

**Environmental**

**Environmental** **Operating Temperature 0 to 45 °C - Humidity 85 %**

## Electrical

**Voltage/Power/Frequency**

**220 to 240 VAC / / 50 to 60 Hz**

**DC Input Voltage** **8 VDC**

**Power over Ethernet (PoE)** **,**

## Power Adaptor TypeExternal

## Physical

**Form Factor** **Security Camera Kit**

**Case Colour** **White**

**In The Box** **2 x 2.4GHz Wireless Outdoor Camera with Stand • 1 x 4 Channel 2.4GHz Receiver • 1 x AV Cable • 2 x Power Adapters • Quickstart Manual**

**Dimensions** **5.3 cm (W) x 4.3 cm (D) x 6.4 cm (H) - Weight 1.97 kg**

# Our Price £100.80

# Swann OutdoorCam Colour- Indoor/Outdoor Security Camera

## Summary

**The Swann OutdoorCam Security Camera is a versatile security solution that suits both indoor and outdoor applications. Featuring a robust, weather resistant metal casing, the camera is ideal for areas subject to dust, rain or other wet environments.**

## Description

**Providing clear colour images during the day, the camera automatically switches to black & white mode at night, while the infra-red LEDs project invisible light up to 26ft (8m)! Now, you can monitor your premises at night or keep an eye on areas such as stairwells, secluded corners or alleyways that usually have little light!**

## Product Features

**380 TV Lines for clear image resolution**

**26ft (8m) infrared night vision**

**Weather resistant sun shield**

**60ft (18m) RCA video cable**

**Plugs into any DVR, VCR, TV or Swann Security monitor**

**Perfect for home and office use**

**Night vision images display in B&W**

**Infrared LEDs**

**1/3 inch colour sensor**

**Weather resistant hood**

**Angle adjustment**

**Tension adjustment**

**Mounting base**

## Product Extra

## Product Specifications

**Image Device**

| | |
|---|---|
| **CCD Size** | **1/3 Inches** |
| **CCD Pixels** | **510H x 492V (NTSC) • 628H x 582V (PAL)** |

**Lens**

**Focal Length** 6.0 mm

**Exposure/Balance**

**Shutter Speeds** 1/60 to 1/15000 Seconds

**Minimum Illumination** 0 Lux

**Gain Control** Automatic

**White Balance** Automatic

**Video**

**Signal to Noise Ratio** 48 dB

## Memory

**Memory Size** ( )

## Environmental

**Environmental** Operating Temperature -20 to +50 °C - Humidity

## Electrical

**Voltage/Power/Frequency** / /

**DC Input Voltage** 12 VDC

**Power over Ethernet (PoE)** ,

## Physical

**Form Factor** Security Camera

**Pack Quantity** 1

**In The Box** OutdoorCam • 60ft (18m) RCA Video Cable • Power Adaptor • Mounting Screws & Plugs • Quick Start Guide • 4 x Theft Deterrent Stickers

**Dimensions** 10 cm (W) x 4.8 cm (D) x 7.2 cm (H) - Weight 0.28 kg

# Our Price £50.67

# Swann PenCam DVR Mini Video Camera and Recorder

## Summary

**Swann PenCam DVR Mini Video Camera and Recorder.**

## Product Features

**Video camera & DVR housed in a real, working quality ballpoint pen**

**Shoot colour videos & upload to YouTube, MySpace**

**Facebook, Photobucket & more**

**Create video history with time & date stamping**

**Easy backup – records over 1 hour & use USB memory stick to upload to PC**

**Long-lasting built-in battery lasts 90 minutes & recharges via your PC's USB port**

**Compatible with Windows XP/Vista, Windows Media**

**Player, RealPlayer & QuickTime Player**

**Perfect for lawyers, sales people, law enforcement, mystery shopping, covert surveillance or internet fun!**

**Video Format: AVI**

**Video File Size: >500KB per min**

## Product Extra

## Product Specifications

**Video**

**Video Resolution** **640 x 480 VGA**

**Memory**

**Memory Size** **2048 MB ( Internal )**

**System Requirements**

## Operating Systems Supported Windows XP, Vista

## Environmental

**Environmental Operating Temperature - Humidity**

## Electrical

**Voltage/Power/Frequency** **/ /**

**Power over Ethernet (PoE)** **,**

## Physical

| | |
|---|---|
| **Form Factor** | **Security Camera** |
| **In The Box** | **DVR4-420 PenCam DVR • Ink Refi lls x 3 • Operating Instructions** |
| **Dimensions** | **1.5 cm (W) x 1.5 cm (D) x 15 cm (H) - Weight 0.03 kg** |

## Product Reviews

**DVR: PenCam Mini Video Camera & Recorder - Apr 15, 2010**

**http://www.computer-takeaway.co.uk**

**We've all fancied ourselves as a bit of a James Bond over the years and with the new Swann PenCam you've got the chance to conduct your own undercover investigations.**

**The Swann PenCam (DVR-421), as the name suggests, is a discrete camera built into the shell of a ball point pen. The pen itself looks just like any other chunkier style pen and has a black gloss finish with silver detailing. The pen writes very nicely (the review was written with it!) and doesn't feel overly heavy.**

**All of the electronics and the camera are housed in the top half of the pen, and data is accessed through a USB interface that is found when the upper and lower halves of the pen are unscrewed from each other. The pen house 2GB of memory which allows storage of up to 80 minutes of video (640X480 in AVI format) or thousands of images (JPEG format). The internal battery allows continuous use of the device for up to 90 minutes and recharging is simply done by plugging the pen into a spare USB port.**

**Video and image quality are certainly nothing to write home about (as would be expected) and are on a par with mobile phone cameras, however the camera functions well in all sorts of lighting conditions and we were pleased that it worked well in relatively low light conditions. The AVI files can easily be uploaded to common video sharing websites (YouTube, MySpace, Facebook, Photobucket etc) and although quite grainy, you can be sure that anyone featured wouldn't have a clue about it!**

**Swann recommend the PenCam for use by everyone from law enforcers to mystery shoppers and we could easily see the benefits of such a discrete DVR device, however the pen is such a great fun little gadget that it will definitely appeal to most wannabe spys.**

**Swann Launches New PenCam™ DVR-421 Mini Video Camera & Recorder - Apr 15, 2010**

## Reviewer News

**Make your own videos or photos and record to a built-in 2GB memory stick. The perfect business person's accessory & a cool gift idea!**

**Swann Security, the global leader in "Plug & Play" security monitoring solutions, is pleased to announce the latest addition to its range of covert security devices, the new higher spec PenCam™, the DVR-421™.**

**This latest model features a sleeker, higher quality design combined with higher image resolution and better sound recording. Ideal for undercover surveillance and discreet monitoring or as a fun gift, the Swann PenCam DVR-421 cleverly conceals a Video camera & DVR inside a real, working quality ballpoint pen. With the PenCam, you can shoot colour videos & upload the files to YouTube™,**

**MySpace™, Facebook™, Photobucket™ and other social networking sites. Perfect for lawyers, sales people, law enforcers, mystery shoppers, covert surveillance or internet fun!**

**Simply click the top of the pen and it begins recording! Place it in your shirt pocket, place it in your desk organiser or use it like an ordinary pen whilst at the same time recording your own videos and storing on to the built in 2GB memory stick. The PenCam DVR-421 features time and date stamping and easy back up. It is possible to record over one hour at a time then upload to a PC. The built-in battery lasts for 90 minutes and can then be recharged via a PC's USB port.**

**The PenCam DVR-421 is compatible with Windows XP/Vista, Windows Media Player, RealPlayer and QuickTime Player**

## Technical Specifications:

### Video

**Video Format: AVI**

**Resolution: 640 x 480 VGA**

**Video File Size: approx 25MB per min**

### Recording

**Recording Mode: Manual Recording, Continuous**

**Record Time: up to 1.25 hours**

### General

**Operating System: Windows XP, Vista**

**Internal Memory: 2GB**

**Backup Type: USB**

**Battery Type: Rechargeable Lithium-ion**

**Charging: USB via computer**

**Battery Charging time: Approximately 60 mins**

**Recording time per charge: Approximately 90 mins**

**Dimensions: 140mm x 15mm x 12mm (5.5” x 0.59” x 0.47”)**

**Weight: 37g (1.3oz)**

**Box Contents:**

**DVR4-420™ PenCam DVR**

**Ink Refills x 3**

**USB extension cable**

**Driver software**

**Operating Instructions**

## Our Price £45.98

# Swann PNP-25D Imitation Dome Camera

## Summary

**Swann PNP-25D Imitation Dome Camera.**

## Description

**Note: Uses 3 x AA batteries (not included).**

## Product Features

**Increased security: Mix imitation & real cameras to increase your security value**

**Visible deterrent: Deter thieves & protect property**

**Save money: An affordable way to fight back against crime**

**Do it yourself: Quick & easy to install with no cable mess**

**Imitation vs real: Staff & thieves will never know the camera isn't real**

## Product Extra

## Product Specifications

## Memory

**Memory Size ( )**

## Environmental

**Environmental Operating Temperature - Humidity**

## Electrical

**Voltage/Power/Frequency / /**

**Power over Ethernet (PoE) ,**

## Physical

**Form Factor Security Camera**

**In The Box PNP-25/D Imitation Dome Camera • Mounting Screws & Plugs • Operating Instructions • 4 x Theft Deterrent Stickers**

**Dimensions (W) x (D) x (H) – Weight**

## Our Price £19.99

# Swann PRO-430 Sprinkler Head Covert Camera - Hidden Working Security Camera

## Summary

**Swann PRO-430 Sprinkler Head Covert Camera - Hidden Working Security Camera.**

## Product Features

**Image Sensor: 1/4 inch Sony Super HAD CCD**

**Number of Effective Pixels: 537 x 505 (NTSC), 537 x 597 (PAL)**

**Min Illumination: 0.5 Lux F1.2**

**Day/Night Mode: Colour during day**

**White Balance: Automatic Signal / Noise Ratio: > 48dB**

**Electronic Shutter: 1/60 - 1/100,000 NTSC, 1/50 - 1/100,000 PAL View Angle: 85° Aluminum Body**

## Product Extra

## Product Specifications

**Image Device CCD Size 1/4 Inches**

**Lens Focal Length 4.3 mm Aperture F1.2**

**Exposure/Balance**

**Shutter Speeds 1/60 to 1/100,000 Seconds Minimum Illumination 0.5 lux**

**White Balance Automatic**

## Memory

**Memory Size ( )**

## Environmental

**Environmental Operating Temperature -10 to 50 °C - Humidity**

## Electrical

**Voltage/Power/Frequency / / DC Input Voltage 12 VDC Power over Ethernet (PoE) ,**

## Physical

**Form Factor Security Camera Dimensions 6.2 cm (W) x (D) x 8.3 cm (H) - Weight 0.09 kg**

## Our Price £47.89

# Swann Safety Camera Kit - Wireless Camera and Receiver

## Summary

**Swann Safety Camera Kit - Wireless Camera and Receiver.**

## Product Features

**Swann Safety Camera Kit - Wireless Camera and Receiver**

**Horizontal Resolution: 380 TV Line**

**Signal Noise Ratio: >48dB**

**View Angle: 60 degrees**

**Receiver:**

**Frequency: 4 channels in 2.4GHz frequency band**

**Video input/output: 1v p-p/75 ohm**

**Audio input/output: 1V/10kW**

**Audio Bandwidth: 50 - 17000 Hz**

**Operating Power: 12V DC**

**Size: 4.7 inchx3.5 inchx1 inch (120 x 90 x 25mm)**

## Product Extra

## Product Specifications

**Image Device**

**Image Sensor CMOS**

**CCD Size 1/3 Inches**

**Exposure/Balance**

**Shutter Speeds 1/60 to 1/15000 Seconds**

**Minimum Illumination 1 lux at F2.0**

**Gain Control Automatic**

**White Balance Automatic**

**Exposure Control Automatic**

## Memory

**Memory Size** ( )

**Wireless LAN**

**Number of channels** 4

**Frequency Band** 2.4 GHz

**Antenna Type** Integrated omni-directional

## Environmental

**Environmental** Operating Temperature -10 - 50 °C - Humidity

## Electrical

**Voltage/Power/Frequency** / /

**DC Input Voltage** 12 VDC

**Power over Ethernet (PoE)** ,

## Physical

**Form Factor** Wireless Security Camera

**In The Box** Safety Camera with built in 2.4GHz Transmitter and Stand • 4 channel 2.4GHz Receiver • Antenna for Receiver • 2 x Mains Power Adaptor (1 for use with Camera and 1 for Receiver( • RCA A/V Cable • Manual & Accessories • Focus Tool • Dip Switch Tool

**Dimensions** 2.8 cm (W) x 3.0 cm (D) x 2.8 cm (H) - Weight 0.02 kg

# Our Price £42.51

# Swann Safety Camera Kit - Wireless Family Monitoring and Observation

## Summary

**The Safety Camera Kit is the ultimate in miniature surveillance for extended range up to 165ft/50m and even better full colour video images. The camera and receiver both have switchable channels to ensure you get the best reception at all times.**

## Description

**Connect to a 9V battery adapter (battery sold seperately) and attach to toy cars, planes, helicopters, bicycles and more for big-time fun!**

## Product Features

**380 TV Lines for clear image resolution** **Miniature & discreet for day surveillance**

**For indoor use at the home or office**

**Wireless 2.4GHz transmission between camera & receiver up to 165ft (50m)**

**Connect receiver to any TV, VCR or Swann Security Monitor**

**Camera & receiver switchable between 4 channels** **Constant contact with people in your care**

**Product Specifications**

| | | | | |
|---|---|---|---|---|
| **Image Device** | **Image Sensor** | **CMOS** | **CCD Size** | **1/3 Inches** |
| **Exposure/Balance** | **Minimum Illumination** | **1 lux** | | |
| **Memory** | **Memory Size** | **( )** | | |
| **Wireless LAN** | **Frequency Band** | **2.4 GHz** | | |
| **Environmental** | **Environmental** | **Operating Temperature 0°~50 °C - Humidity** | | |

## Electrical

| | | | |
|---|---|---|---|
| **Voltage/Power/Frequency** | **/ /** | **Power over Ethernet (PoE)** | **,** |

## Physical

| | | | |
|---|---|---|---|
| **Form Factor** | **Wireless Security Camera** | **Case Colour** | **Black** |

**In The Box** **2.4GHz Wireless Camera • 2.4GHz Receiver • Receiver Antenna • 1 x AV Cable • 2 x Power Adapters • Mounting Bracket • Quickstart Manual**

**Dimensions** **(W) x (D) x (H) – Weight**

## Our Price £43.62

# Swann SecuraView Monitoring Kit includes 5.5 inch Monitor and B/W Security Camera

## Summary

**The Swann SecuraView Monitoring Kit includes a 5.5 inch monitor and B/W security camera allowing you to observe with clear high quality images and sound. The built-in infrared LED's surrounding the camera enable you to monitor at night time or in low light conditions. Purchase a second security camera and monitor up to two areas in your home or business! The auto-switch function automatically changes between the two camera views with an adjustable timer. This is the perfect starter kit for allowing you to see what's happening in your retail store, office or home.**

## Product Features

**Everything you need in 1 box!**

**Camera has clear B&W image resolution**

**9ft (3m) infra-red night vision**

**Connect to your existing VCR for recording**

**Camera with 60ft (18m) AV cable for easy connection to monitor**

**Easy do-it-youself installation**

**Monitor your home or business**

**Monitor:**

**Video Inputs: 4 DIN**

**Video Outputs: 1 x RCA**

**Audio Input: 4 x RCA**

**Audio Output: 1 x RCA**

## Product Extra

**Warranty**

**12 month warranty.**

## Product Specifications

**Image Device**

| | |
|---|---|
| **Image Sensor** | **Swann CMOS** |
| **CCD Size** | **1/3 Inches** |

**Lens**

**Focal Length** 6.0 mm

**Exposure/Balance**

**Minimum Illumination** 0 Lux

**Monitor**

**Monitor Included** Yes

**Display Size** 5.5 inch

**Display Type** CRT

**Sound**

**Built in Microphone** Yes

**Memory**

**Memory Size** ( )

**Interfaces/Ports**

**Video Out** 1 x RCA

**Input Ports** 4 x RCA

## Environmental

**Environmental** Operating Temperature 0°C to +45 °C - Humidity

## Electrical

**Voltage/Power/Frequency** / /

**DC Input Voltage** 12 VDC

**Power over Ethernet (PoE)** ,

## Physical

**Form Factor** Security Camera

**LED Status Indicators** Number of Infra-Red LEDs 6

**In The Box** SecuraView Monitor • SecuraCam • Power Adaptor • RCA AV Cable 60ft (18m) • Mounting Screws and Plugs • User Manual • 4 x Theft Deterrent Stickers

**Dimensions** 4.2 cm (W) x 4.7 cm (D) x 5.8 cm (H) - Weight 0.05 kg

# Our Price £38.03

# Swann Twin Wireless OutdoorsCams Security Cameras and Receiver

## Summary

**Swann Twin Wireless OutdoorsCams Security Cameras and Receiver.**

## Product Features

**380 TV Lines for clear image resolution**

**See in the dark with infra-red night vision**

**Wireless 2.4FGHz transmission up to 100 - 150ft / 30 - 50m (depending on local conditions)**

**Sturdy weather resistant hoods** **Ideal for home and business monitoring**

## Warranty

**12 month**

## Product Specifications

**Image Device** **CCD Size** **1/3 Inches**

**CCD Pixels** **510H x 492V (NTSC) • 628H x 582V (PAL)**

**Exposure/Balance** **Minimum Illumination** **0 Lux**

**Sound** **Built in Microphone** **Yes**

**Memory** **Memory Size** **( )**

**Wireless LAN** **Frequency Band** **2.4 GHz**

**Environmental** **Environmental** **Operating Temperature 0 to 45 °C - Humidity 85 %**

## Electrical

**Voltage/Power/Frequency** **/ /** **DC Input Voltage** **8 VDC** **Power over Ethernet (PoE)** **,**

## Physical

**Form Factor** **Security Camera Kit** **Case Colour** **White**

**In The Box** **2 x 2.4GHz Wireless Outdoor Camera with Stand • 1 x 4 Channel 2.4GHz Receiver • 1 x AV Cable • 2 x Power Adaptors • Quickstart Manual**

**Dimensions** **5.3 cm (W) x 4.3 cm (D) x 6.4 cm (H) - Weight 1.97 kg**

## Our Price £60.41

# Swann Covert Camera and Recorder - Hidden Still Camera and Recorder with SD Memory Card

## Summary

**Formerly known as 'Digital Private Eye' / Catch suspicious behavior in the act with easy plug & play installation / Looks like a real alarm PIR / Automatically record images onto any SD Memory card upon motion / Includes BONUS 128MB SD Memory card The Covert Camera & Recorder looks like an alarm PIR sensor, but this is actually a camera, it takes images onto an SD card. Perfect for covert surveillance because nobody will ever know that they're being watched!**

## Description

**Being a fly on a wall no longer requires multiple components or tricky wiring. With the generation Covert Camera & Recorder (Digital Private Eye) video camera and time-lapse recorder with motion trigger from Swann you can install greater peace of mind for a fraction of the cost. Whether it's for the office, your home, the baby's nursery, the warehouse, whatever you want to monitor the Covert Camera & Recorder records multiple images for added security and ultimate control. Position the camera at your front door or hallway, then simply plug in your SD Memory Card (includes 128MB), power cable or 9V battery (not included) then watch the camera go to work! The 128MB SD Memory Card stores over 2,000 images or upgrade to a 1GB Card to store up to 30,000 images.**

## Product Features

**Motion activated covert camera with SD memory**

**Catch suspicious behavior in the act with easy plug & play installation**

**Looks like a real alarm PIR**

**9ft (3m) white power cable**

**Automatically record images onto any SD Memory card upon motion**

**Use a rechargeable (recommended) or standard 9V battery (not included)**

**Includes BONUS 128MB SD Memory card**

## Product Extra

## Warranty

**12 Month Warranty.**

## Product Specifications

**Image Device**

| | |
|---|---|
| **Image Sensor** | **CMOS** |
| **CCD Size** | **1/4 Inches** |

**Screen Type** **640 x 480 Pixels**

## Memory

**Memory Size** **( )**

**Environmental**

**Environmental** **Operating Temperature -10 to 60 °C - Humidity**

## Electrical

**Voltage/Power/Frequency** **/ /**

**DC Input Voltage** **8 VDC**

**Power over Ethernet (PoE)** **,**

## Physical

**Form Factor** **Security Camera**

**Case Colour** **White**

**In The Box** **Digital Private Eye • USB Cable • SD Memory Card 128MB Installation CD (required if connecting PIR direct to PC) • Power Adaptor • 9 Volt Battery Adapter (battery not included) • Quick Start Guide • 4 x Theft Deterrent Stickers**

**Dimensions** **12.6 cm (W) x 6.3 cm (D) x 7.0 cm (H) - Weight 0.115 kg**

# Our Price £38.97

# TP-Link TL-SC3171G Wireless Day/Night Surveillance IP Camera

## Summary

**TL-SC3171G IP surveillance camera is a versatile solution for your home & office monitoring. It watches your home, your kids, your workplace, whatever you care for most. After connecting directly to a local network using the camera's 54Mbps wireless or wired Ethernet connection, it can send live video to your home PC or through the internet to a Web browser or Smartphone, anywhere in the world! Even more exciting is that the TL-SC3171G features 12 IR (Infrared) LEDs and an industrial mechanical ICR (IR Cut-filter Removable), providing you true day / night surveillance experience. Ultimately, the TL-SC3171G is perfect to keep an eye on your family, property, or anything important to you, bringing you peace of mind.**

## Description

**Did you know that more than 80% of burglary cases happen in the dead of night? With this in mind, the only viable solution to truly ensure the safety of your home or business is to have around the clock surveillance. This camera was developed in order to correct traditional inadequacies of network connected day/night cameras. This day/night camera uses all available Infrared light as a means to produce clear images in the dark and completely filters that light during the day ensuring vivid video as clear as you would see with the naked eye, both functions unavailable on traditional day/night cameras that resulted in poor image quality during both the day and the night. The TL-SC3171G provides you with the best in day / night surveillance**

## Product Features

**TP-Link TL-SC3171G Wireless Day/Night Surveillance IP Camera**

**1/4 progressive scan CMOS sensor produces clear and crisp images**

**Mechanical IR-cut filter removable for true day/night surveillance**

**12 Infrared LEDs ensures 10 meters (32.8 feet) effective night vision range**

**54Mbps wireless connectivity brings flexible placement**

**2-way audio allows users to listen to & talk to remotely**

**Digital input / output ports for external alarm & sensor**

**MSN View supports watching live video through the MSN window**

**MPEG-4/MJPEG dual streams for simultaneous remote recording and local surveillance**

**3GPP compliant enables live video surveillance from 3G phones**

**Bundled management software accommodates up to 16 cameras at the same time**

**SSL/HTTPS encryption protects your privacy from malicious intrusion**

**Embedded Watchdog function automatically restarts the IP camera when errors are detected**

**Motion triggered e-mail alerts to keep you updated on the situation on the ground**

**Frame rate at 30fps in VGA resolution for smooth video**

**IR working distance: 10 meters (33 feet)**

## Product Extra

## Product Specifications

**Image Device**

**Image Sensor** **CMOS**

**CCD Size** **1/4 Inches**

**Lens**

**Focal Length** **4.3 mm**

**Aperture** **F2.0**

**Digital Zoom** **10 x**

**Exposure/Balance**

**Brightness Control** **Yes**

**Minimum Illumination** **0.5 lux**

**Contrast Control** **Yes**

**Hue Control** **Yes**

**Video**

**Supported Video File Formats** **MPEG-4, MJPEG**

**Video Features** **Video compression: Motion JPEG; MPEG- 4 • Video streaming: Simultaneous Motion JPEG and MPEG-4 (Dual streaming)**

**Video Resolution** **640x480, 320x240, 160x120**

**Frame Rates** **30/25 Per Second**

**Sound**

**Audio Capabilities** **Two-way (full duplex)**

**Memory**

**Memory Size** **( )**

**Interfaces/Ports**

**Audio Output** **1 x Audio Output Port**

**External Microphone** 1 x 3.5mm mini jack

**Input Ports** 1 x alarm input

**Output Ports** 1 x alarm output

**RJ-45 Ports** 1 x RJ-45

**Network**

**Network Protocol** Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP,UDP, 3GPP/ISMARTSP

**Wireless LAN** RF Network Standard IEEE 802.11b/g Wireless Network Speed Up to 54 Mbps

**Encryption** WEP,WPA, WPA2

## System

**User Interface** 5 simultaneous users • Unlimited number of users usingmulticast

**Security**Multiple user access levels with password protection, HTTPS encryption • Wireless Security: WPA-/WPA2-PSK,WPA-/WPA2-AES,WEP **Date/Time Features** Yes

**Management Capabilities** Events triggered by motion detection and Schedule; Notification over TCP, email, HTTP

## System Requirements

**Operating Systems Supported** Windows 98,ME, 2000, 2003, XP, Vista • Mac OS Leapord 10.5

**Recommended Processor Requirements** Pentium4 1.8GHz (or equivalent AMD)

**Recommended Memory Requirements** 512 MB

**Recommended Display Requirements** 64MB RAMgraphic cards (or equivalent on-board graphic cards)

## Compliance **Certifications** FCC, CE

## Environmental **Environmental** Operating Temperature 0 to 40 °C - Humidity 10 to 90 %

## Electrical

**Voltage/Power/Frequency** / / **DC Input Voltage** 12 VDC **Power over Ethernet (PoE)** ,

## Physical

**Form Factor** Security Camera

**LED Status Indicators** 12 IR (Infrared) LEDs **Dimensions** 7.5 cm (W) x 4.7 cm (D) x 13.6 cm (H) – **Weight**

# Our Price £145.93

## Trendnet TV-IP512WN ProView Wireless N Internet Camera (Version 1.3R)

### Summary

**The ProView Wireless N Internet Camera transmits real-time high quality streaming video over the Internet. Manage your Internet Camera from any Internet connection. Wireless n technology provides unsurpassed wireless coverage and improved streaming video quality. Add this camera to your wireless network at the touch of a button with Wi-Fi Protected Setup (WPS). Manage up to 32 TRENDnet cameras with the included complimentary camera management software. Advanced features include motion detection recording, email alerts, scheduled recording sessions, MPEG-4/MJPEG image compression, 2-way audio, input/output ports, a removable lens, digital zoom and a built-in SD card slot to store images directly to a memory card. A wall/ceiling mounting kit is included and the off-white IP camera housing blends into most environments.**

### Product Features

**Wireless n offers up to 4x greater coverage as compared to wireless g IP cameras**

**View, record and manage advanced features from any Internet connection**

**Program motion detection recording, email alerts and more with complimentary software**

**Features a removable lens, I/O ports, 2-way audio and Wi-Fi Protected Setup (WPS)**

**Wi-Fi compliant with IEEE 80211n standard**

**Backwards compatible with IEEE 80211g and IEEE 80211b**

**16x digital zoom**

**1x 10/100Mbps Fast Ethernet port**

**Input/Output ports to network alarm systems and other devices**

**High quality MPEG-4 and MJPEG video recording with up to 30 frames per second**

**Resolution up to VGA: 640 x 480 pixels**

**1x removable 6mm, F18, CS Mount Lens**

**Included wall and ceiling mounting hardware**

**Manage up to 20 user profiles**

**Hear and talk to people in your camera's viewing field through your computer**

**Supports TCP/IP networking, SMTP Email, HTTP, Samba and other Internet protocols**

**Built-in SD card slot allows you to store still images or video directly onto a SD memory card**

**Record streaming video to your computer, SD card or network storage devices**

**Motion detection triggered email alerts and image upload via FTP**

**Supports 64/128-bit WEP WPA-PSK and WPA2-PSK**

**Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported**

**Multiple adjustable motion detection windows with just-in-time snapshot**

**Quick Universal Plug and Play (UPnP) installation**

**Complimentary IPView Pro 20 software: manage up of up to 32 cameras**

**3-year limited warranty**

## Warranty

**3 Year Limited**

## Product Specifications

**Image Device**

| | |
|---|---|
| **Image Sensor** | **Colour CMOS SOC** |
| **CCD Size** | **1/4 Inches** |
| **Screen Type** | **640 x 480 Pixels** |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Lens** | **Focal Length** | **6.0 mm** | **Aperture** | **F=1.8** | **Digital Zoom** | **16 x** |

## Exposure/Balance

| | |
|---|---|
| **Minimum Illumination** | **0.5 Lux @ F1.8** |

## Video

| | |
|---|---|
| **Supported Video File Formats** | **MPEG-4, MJPEG** |
| **Video Features** | **Recording Type: event based (motion detection and digital input trigger), continuous and scheduled** |
| **Video Resolution** | **VGA (640 x 480), QVGA (320 x 240), QQVGA (160 x 120)** |
| **Frame Rates** | **30 Per Second** |

## Sound

| | |
|---|---|
| **Built in Microphone** | **Yes** |
| **Audio Capabilities** | **Built-in omni-directional microphone/speaker • Two-way audio with echo canceling** |
| **Audio Coding** | **ARM/PCM** |

## Memory

| | |
|---|---|
| **Memory Size** | **( )** |

**Interfaces/Ports**

| | |
|---|---|
| **Input Ports** | **2 x Input Ports** |
| **Output Ports** | **1 x output** |

## Network

**Network Features** 10/100Mbps Auto MDIX

**Network Protocol** IPV4, ARP, TCP, UDP,ICMP DHCP Client, NTP Client, DNS Client, DDNS Client, SMTP Client, FTP Client HTTP Server Samba Client PPPoE UPnP AV RTP (Real Time Protocol) RTCP (Real Time Control Protocol) RTSP (Real Time Streaming Protocol)

**Network Speeds Supported** 10/100 MBps

## Wireless LAN

**RF Network Standard** IEEE 802.11b/g/n

**Wireless Network Speed** Up to 300 Mbps

**Number of channels** 13

**Frequency Band** 2.4 to 2.497 GHz

**Transmit Power** 16 - 18 dB

**Receive Sensitivity** 802.11b: -91dBm at 11Mbps • 802.11g: -90dBm at 54Mbps • 802.11n: -84dBm at 300Mbps

**Antenna Type** 2 x 2dBi dipole antennas (Reverse-SMA connector)

## System

**Security** 64/128-bit WEP, WPA-PSK, WPA2-PSK

**System Requirements**

**Operating Systems Supported** Microsoft Windows XP (32/64bit)/Vista (32/64bit)/Windows 7 (32/64bit)

**Browser Support** Internet Explorer 6.0 or above

## Compliance

**Certifications** CE, FCC

**Environmental**

**Environmental** Operating Temperature 0 - 40 °C - Humidity

## Electrical

**Voltage/Power/Frequency** / /

**DC Input Voltage** 12 VDC

**Power over Ethernet (PoE)** ,

## Physical

**Form Factor** Network Security Camera **Case Colour** White

**LED Status Indicators** Power • Link

**Pack Quantity** 1 **Dimensions** 17.0 cm (W) x 8.0 cm (D) x 4.0 cm (H) - Weight 0.260 kg

**http://www.youtube.com/watch?v=MvUWvWQU8bY&feature=player_embedded#at=326**

# Our Price £244.02

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